

RINGKASAN

INDRA PUJI MAULANA. Perbandingan antara ukuran linier tubuh dan bobot badan kambing Peranakan Ettawa di Kaligesing dengan kambing Peranakan Ettawa di Gumelar. Penelitian ini dilaksanakan mulai tanggal 1 sampai 31 Mei 2017 di peternakan rakyat di Kecamatan Kaligesing Kabupaten Purworejo dan Kecamatan Gumelar Kabupaten Banyumas Provinsi Jawa Tengah. Penelitian ini bertujuan untuk mengkaji ukuran linier tubuh (panjang badan, tinggi pundak, lingkar dada) dan bobot badan kambing Peranakan Ettawa di Kecamatan Kaligesing Kabupaten Purworejo dengan Kecamatan Gumelar Kabupaten Banyumas.

Materi penelitian menggunakan kambing Peranakan Ettawa betina muda umur 7-12 bulan berjenis kelamin betina 53 kepala di Kecamatan Kaligesing dan 31 kepala di Kecamatan Gumelar. Penelitian ini menggunakan metode penetapan sampel secara *purposive sampling* dan *snowball* dengan analisis data menggunakan analisis deskriptif dan uji t.

Hasil penelitian diperoleh data rata-rata dan simpang baku panjang badan, lingkar dada, tinggi pundak, dan bobot badan kambing PE betina muda di peternakan Kecamatan Kaligesing sebesar 60,74 cm, 70,5 cm, 70,11 cm, dan 25,59 kg, sedangkan rata rata pengukuran di peternakan Kecamatan Gumelar adalah 60,73 cm, 68,08 cm, 67,43 cm, dan 24,07 kg.

Hasil analisis uji t menunjukkan bahwa perbandingan antara panjang badan menunjukkan tidak perbedaan nyata ($P>0,05$), tinggi pundak menunjukkan berbeda yang nyata ($P<0,01$), sedangkan lingkar dada dan bobot badan menunjukkan berbeda yang nyata ($P<0,05$). Hasil penelitian dapat disimpulkan bahwa panjang badan, lingkar dada, tinggi pundak dan bobot badan kambing PE betina muda di Kecamatan Kaligesing lebih tinggi dibandingkan kambing PE betina muda di Kecamatan Gumelar.

SUMMARY

INDRA PUJI MAULANA. Comparison between body linear size and the body weight goat offspring etawa in Kaligesing with ettawa offspring goat in Gumelar. This research was conducted from 1 to 31 May 2017 at the Livestock Ranch in the Kaligesing Sub-district, Purworejo District and the Gumelar Sub-district, Banyumas Regency Province Jawa Tengah, Central Java. This research aimed to study the linear size of the body (body length, shoulder height, chest circumference) and body weight Ettawa offspring goat in Kaligesing District, Purworejo Regensi and Gumelar District Banyumas Regensi.

The research material used goat offspring Ettawa, female kids aged 7-12 months. The number of 53 female kids in Kaligesing District and 31 female kids in Gumelar District. This research used purposive sampling and snowball sampling method with data analysis using descriptive analysis and t test.

The result of this research was the average for of body length, chest circumference, shoulder height, and body weight of female kids PE in Kaligesing District was 60.74 cm, 70.5 cm, 70.11 cm, and 25.59 kg respectively. The average measurement in the farms Gumelar District was 60.73 cm, 68.08 cm, 67.43 cm, and 24.07 kg respectively.

The result of t test analysis showed that body length in Kaligesing and Gumelar showed no significant difference ($P>0,05$), shoulder height showed a significantly different ($P<0,01$), while chest circumference and body weight showed a significantly different ($P<0,05$). The result of this research could be concluded that body length, chest circumference, shoulder height and body weight of female kids PE in Kaligesing Sub District is higher than female kids PE in Gumelar sub-district.